



Reference Release Definition for Small Cells Capabilities Exposure

Approved Version 1.0 – 13 Aug 2013

Open Mobile Alliance
OMA-RRELD-SmaC-V1_0-20130813-A

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1. Scope

The scope of this document is limited to the Reference Release Definition of Small Cells Capabilities Exposure 1.0 according to OMA Release process and the Reference Release document baseline listed in section 5.

The scope of this release is to define the requirements for Small Cells Capabilities Exposure 1.0.

2. References

2.1 Normative References

- [SmaC_RD] “Small Cells Capabilities Exposure Requirements”, Version 1.0, Open Mobile Alliance™, OMA-RD-SmaC-V1_0, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)
- [RFC2119] “Key words for use in RFCs to Indicate Requirement Levels”, S. Bradner, March 1997, [URL:http://www.ietf.org/rfc/rfc2119.txt](http://www.ietf.org/rfc/rfc2119.txt)

2.2 Informative References

- [OMADICT] “Dictionary for OMA Specifications”, Version 2.9, Open Mobile Alliance™, OMA-ORG-Dictionary-V2_9, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)

3. Terminology and Conventions

3.1 Conventions

The key words “MUST”, “MUST NOT”, “REQUIRED”, “SHALL”, “SHALL NOT”, “SHOULD”, “SHOULD NOT”, “RECOMMENDED”, “MAY”, and “OPTIONAL” in this document are to be interpreted as described in [RFC2119].

All sections and appendixes, except “Scope” and "Release Version Overview" are normative, unless they are explicitly indicated to be informative.

3.2 Definitions

Reference Release	A set of specifications and/or white papers which form a formal deliverable of OMA. The release can be referenced or otherwise used to support implementable enabler releases, but it cannot by itself be implemented in products.
Reference Release Definition	A definition of the documents that are included in a Reference Release.

3.3 Abbreviations

API	Application Programming Interface
OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority
RRELD	Reference Release Definition

4. Release Version Overview

Small Cells are low-power wireless access points that work in licensed and/or unlicensed spectrum, enabling Mobile Operators and Service Providers to increase their networks' capacity and quality in a sustainable way. Moreover, Small Cells offer peculiar capabilities that can be exposed, through convenient APIs, to Application Developers, in order to enhance Apps with new functionalities.

4.1 Version 1.0 Functionality

Version 1.0 defines the following requirements:

- Authorization
- Zonal Presence
- Location Streaming
- QoS
- Expected QoS
- Call Notification
- Third Party Call Control

5. Document Listing for Small Cells Capabilities Exposure 1.0

This section is normative.

Doc Ref	Permanent Document Reference	Description
Requirement Document		
[SmaC_RD]	OMA-RD-SmaC-V1_0-20130813-A	Requirement Document for Small Cells Capabilities Exposure 1.0 Reference Package

Table 1: Listing of Documents in Small Cells Capabilities Exposure 1.0 Reference Release

6. OMNA Considerations

This reference release does not have any OMNA items for handling.

Appendix A. Change History

(Informative)

A.1 Approved Version History

Reference	Date	Description
OMA-RRELD-SmaC-V1_0-20130813-A	13 Aug 2013	Status changed to Approved by TP TP Ref # OMA-TP-2013-0228-INP_SmaC_V1_0_RRP_for_Final_Approval